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“MY NAME IS DUG” GAME APPLICATION USING VOICE RECOGNITION AND INTER-DEVICES CONNECTION TECHNOLOGY ON ANDROID OPERATING SYSTEM

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Abstract

My Name is Dug is a game application on Android operating system that uses voice recognition and inter-devices connection via Bluetooth technology as its main features. The aim of this game development is to create a new kind of game because it uses unique technology that rarely used by current games. It is developed as an entertainment media and also a social media in which the users can play the games together via multiplayer mode. This research uses Scrum development method because it supports small scaled groups and it supports software increment along the development. Using this game application, the users can play watching interesting animations by controlling it with their voice, play various minigames both in single player or multiplayer mode via Bluetooth connection. The conclusion is that **My Name is Dug** is a game application using voice recognition and inter-devices connection as its main features. It also has various minigames that support both single player and multiplayer.

Keyword

Game application, voice recognition, inter-devices connection, Android operating system, Java programming, Eclipse, minigame, multiplayer, Bluetooth